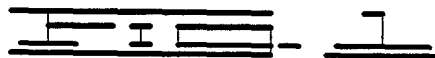
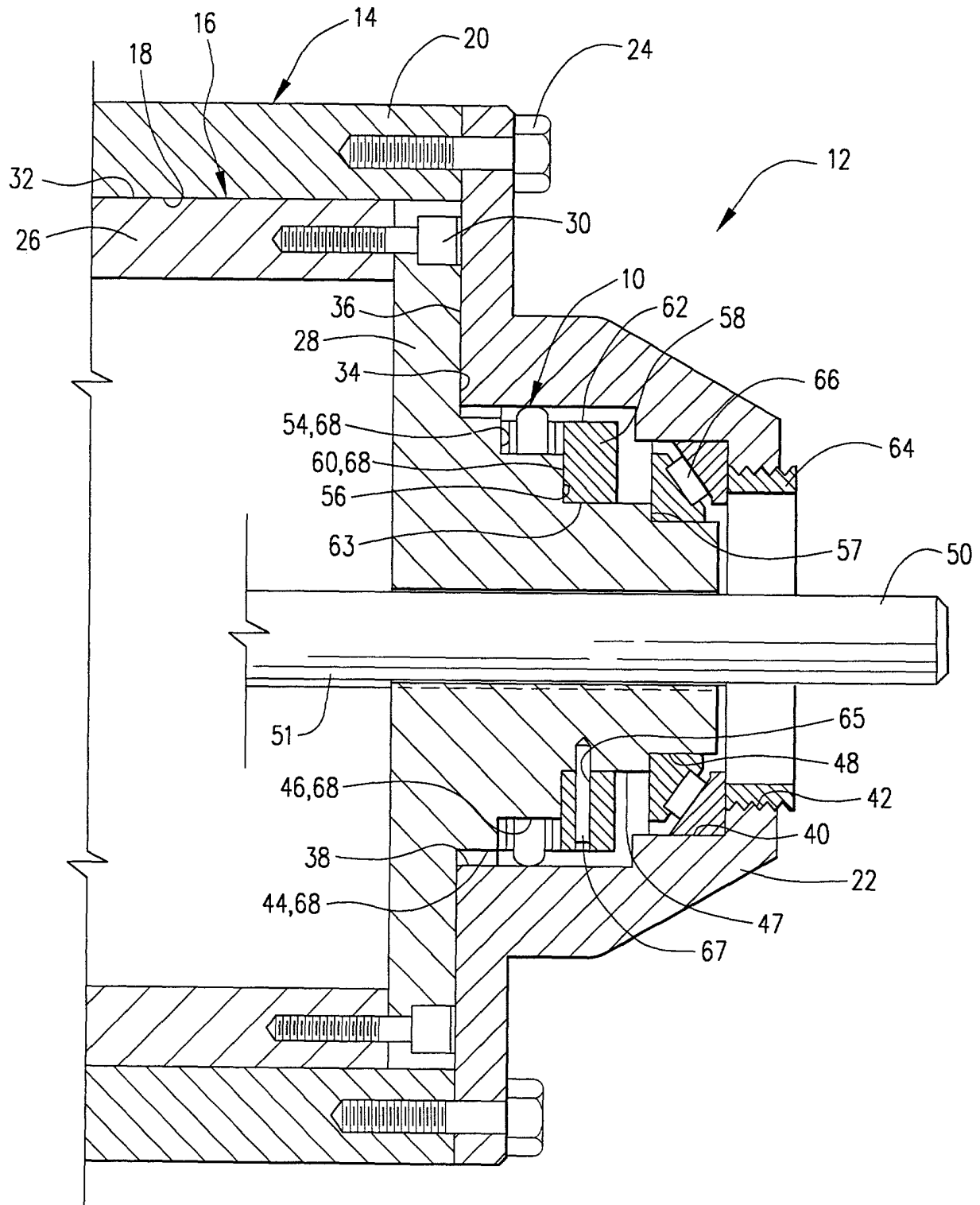
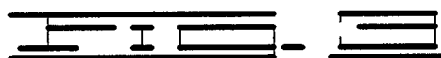
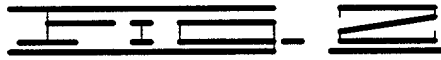


SEAL AND BEARING ASSEMBLY
 LANDS J. STEWART, JR.
 EXPRESS MAIL LABEL NO. EL 922667793 US
 August 2, 2001

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| Physical Properties | | Chemical Properties | | Mechanical Properties | | Thermal Properties | | Electrical Properties | | Optical Properties | |
|-----------------------|------------------------|----------------------|---------------------|-----------------------|---------------------|------------------------|-----------|-----------------------|-----------------------|--------------------|-------|
| Property | Value | Property | Value | Property | Value | Property | Value | Property | Value | Property | Value |
| Density | 1.25 g/cm ³ | Young's Modulus | 2.1 GPa | Tensile Strength | 150 MPa | Glass Transition Temp. | 120 °C | Volume Resistivity | 10 ¹² Ω·cm | Refractive Index | 1.55 |
| Thermal Expansion | 15 ppm/K | Compressive Strength | 180 MPa | Elongation at Break | 5% | Heat Deflection Temp. | 150 °C | Surface Resistivity | 10 ¹¹ Ω | Dispersion | 0.01 |
| Modulus of Elasticity | 2.1 GPa | Impact Strength | 10 J/m ² | Flexural Strength | 120 MPa | Thermal Conductivity | 0.2 W/m·K | Dielectric Constant | 3.5 | Transmittance | 90% |
| Poisson's Ratio | 0.35 | Hardness | 85 Shore D | Flexural Modulus | 2.0 GPa | Thermal Stability | 200 °C | Dielectric Loss | 0.02 | Absorbance | 0.1 |
| Thermal Conductivity | 0.2 W/m·K | Water Absorption | 0.5% | Impact Resistance | 10 J/m ² | Thermal Conductivity | 0.2 W/m·K | Dielectric Strength | 10 kV/mm | Fluorescence | None |
| Thermal Stability | 200 °C | Water Absorption | 0.5% | Impact Resistance | 10 J/m ² | Thermal Conductivity | 0.2 W/m·K | Dielectric Strength | 10 kV/mm | Fluorescence | None |
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